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How to Keep a Cloud Environment Current, Secure and Available

October 16, 2014

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Vivit Cloud Builders Special Interest Group

www.vivit-worldwide.org



Hosted by



Sumit Sengupta

Information Systems Architect, HP Enterprise Services
Vivit Leader of the Big Data Special Interest Group



Today's Presenter



Ron Cornwell
Team Lead, Data Center Automation
McKesson



Housekeeping

- This “LIVE” session is being recorded
Recordings are available to all Vivit members
- Session Q&A:
Please type questions in the Questions Pane



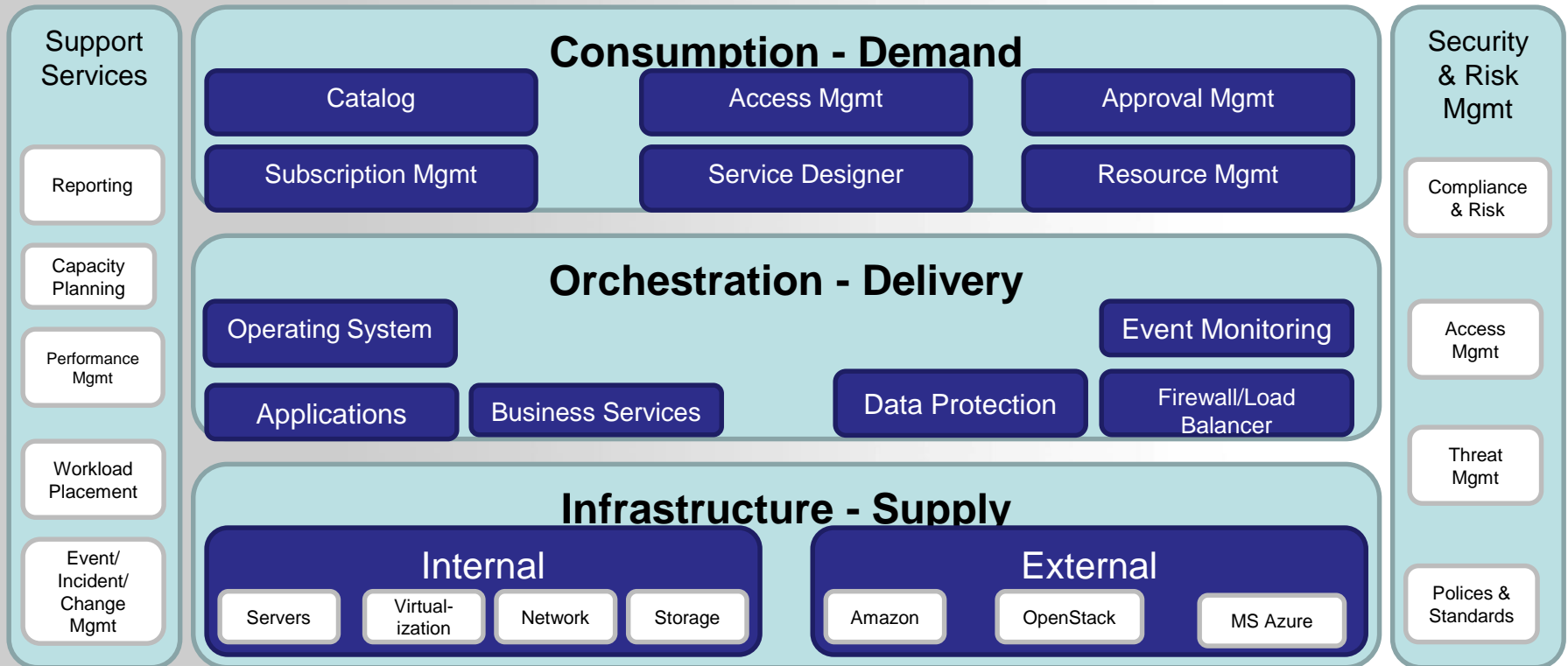
Cloud Mgmt Platform

Definition

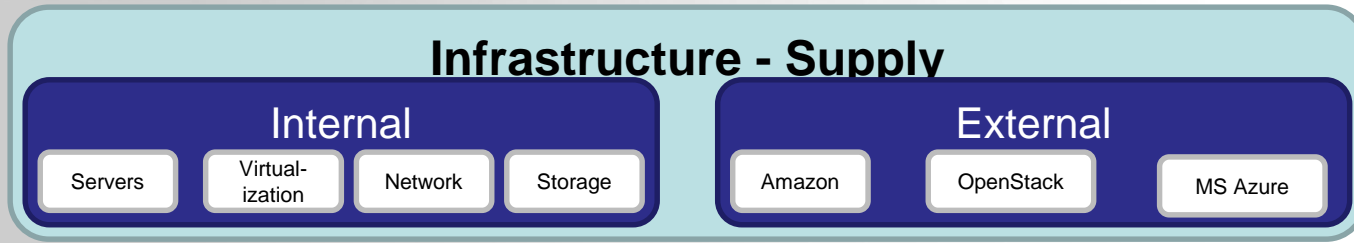
- **Gartner: Cloud management platforms** are integrated products that provide for the management of public, private and hybrid cloud environments. The minimum requirements to be included in this category are products that incorporate **self-service** interfaces, **provision** system images, enable metering and **billing**, and provide for some degree of **workload optimization** through established policies. More-advanced offerings may also integrate with external enterprise management systems, include service catalogs, support the configuration of storage and network resources, allow for enhanced resource management via service governors and provide advanced monitoring for improved “guest” performance and availability.



Simplified RA

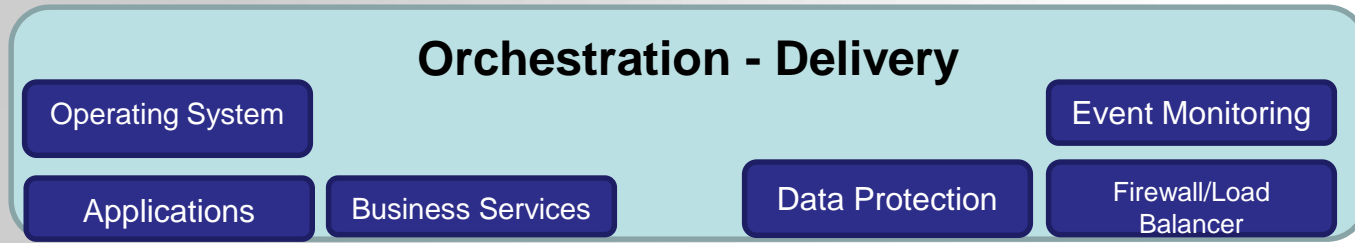


Infrastructure



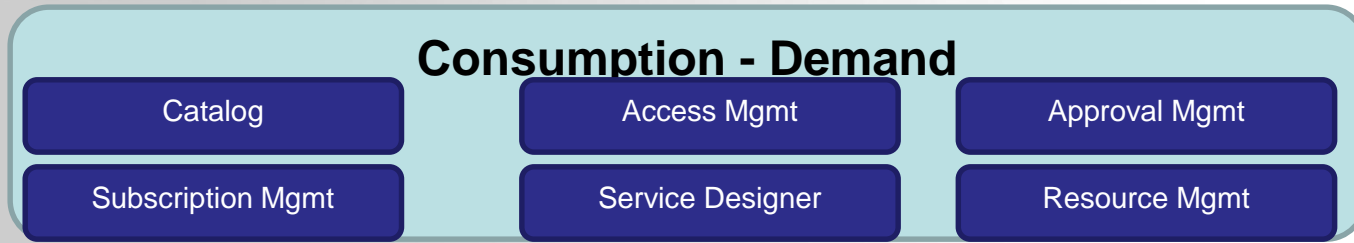
- Internal
 - Hardware
 - Installation, Removal, Upgrade, Support
 - Virtualization
 - Expand, Contract, Upgrade, Support
 - Network/ Storage
 - Installation, Removal, Configuration, Support
- External
 - Public Cloud Vendor Management

Orchestration



- Operating System
 - Base OS, Security Standards
- Applications
 - Dependencies, Configurations
- Services
 - Email, IM,
- Data Protection
 - Backups, Archiving, DR/ER
- Event Monitoring
 - Identification, Notification, Remediation
- Firewall / Load Balancer

Consumption



- Catalog
 - Audience, Customers
- Access
 - Regulatory, Policy, Role
- Approval
 - Financial, Regulatory
- Subscription Mgmt
 - Billing
- Service Designer
 - IaaS, PaaS, DBaaS, SaaS
- Resource Mgmt
 - Data Centers, Hardware, Virtualization, Network, Storage

Support Services

Support Services

Reporting

Capacity Planning

Performance Mgmt

Workload Placement

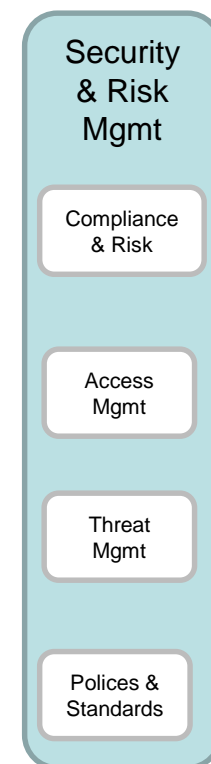
Event/
Incident/
Change
Mgmt

- Reporting
 - Customers, Support, Executives
- Capacity Planning
 - Physical, Virtual, Network, Storage,
- Performance Mgmt
 - Infrastructure, CMP, Service Delivery
- Workload Placement
 - Resource Based, Time Based, User Based
- Event/ Incident/ Change Mgmt



Security & Risk Mgmt

- Compliance & Risk
 - Audits (ISO,SOX,HIPPA,PCI)
- Access Mgmt
 - LDAP/AD, access policies
- Threat Mgmt
 - Vulnerability Testing
- Policies & Standards
 - Passwords, OS/ App Hardening



Q & A



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